

elastic chamber, said fluid control apparatus including an aspiration fluid conduit for conducting fluid away from the surgical site, a suction pump for providing suction in said aspiration fluid conduit, a pressure relief fluid conduit for releasing fluid into said aspiration fluid conduit, and a transducer in fluid communication with said aspiration fluid conduit and operatively connected to said suction pump, wherein the improvement comprises a connection fitting comprising:

32 a first [rigid] tubular [fitting] fluid conduit having a fluid connection at a first end connectable to said suction pump and a fluid connection fitting at a second end connectable to said aspiration fluid conduit,

a second [rigid] tubular fluid conduit having one end in fluid communication with said first [rigid] tubular fluid conduit, and another end connectable to said pressure relief fluid conduit,

said second [rigid] tubular fluid conduit being arranged substantially at right angles to said first [rigid] tubular fluid conduit,

a third [rigid] tubular fluid conduit having one end in fluid communication with said second [rigid] tubular fluid conduit, and another end connectable to said pressure relief fluid conduit, and

said third [rigid] tubular fluid conduit being arranged generally at right angles to said second tubular fluid conduit and generally parallel to said first [rigid] tubular fluid conduit.

---

Claim 30, line 2, delete "rigid".

Claim 31, line 2, delete "rigid".

Please add the following new claims:

<sup>20</sup>  
~~20~~ 29. (newly-added) The apparatus of Claim <sup>13</sup>~~27~~ wherein said first tubular fluid conduit comprises a first rigid tubular fluid conduit, said second tubular fluid conduit comprises a second rigid tubular fluid conduit, and said third tubular fluid conduit comprises a third rigid tubular fluid conduit.

<sup>29</sup>  
~~29~~ 30. (newly-added) For a fluid control apparatus for use with a surgical irrigation and aspiration instrument adapted for irrigation and aspiration of a surgical site located in a small elastic chamber, the fluid control apparatus including an aspiration fluid conduit for conducting fluid away from the surgical site, a suction pump for providing suction in the aspiration fluid conduit, a pressure relief fluid conduit for releasing fluid into the aspiration fluid conduit, and a transducer in fluid communication with the aspiration fluid conduit and operatively connected to the suction pump, a connection fitting comprising:

a first tubular fluid conduit having a fluid connection at a first end operatively connectable to the suction pump and a fluid connection fitting at a second end operatively connectable to the aspiration fluid conduit,

a second tubular fluid conduit having one end in fluid communication with said first tubular fluid conduit, and another end operatively connectable to the pressure relief fluid conduit,

said second tubular fluid conduit being arranged substantially at right angles to said first tubular fluid conduit,

a third tubular fluid conduit having one end in fluid communication with said second tubular fluid conduit, and another

end operatively connectable to the pressure relief fluid conduit,  
and

said third tubular fluid conduit being arranged  
generally at right angles to said second tubular fluid conduit  
and generally parallel to said first tubular fluid conduit,

<sup>30</sup>  
~~51.~~ (newly-added) The connection fitting of Claim <sup>29</sup>~~50~~  
wherein said fluid connection at said first end is a male fluid  
connection fitting.

<sup>31</sup>  
~~52.~~ (newly-added) The connection fitting of Claim <sup>30</sup>~~51~~  
wherein said fluid connection at said second end is a female  
fluid connection fitting.

<sup>32</sup>  
~~53.~~ (newly-added) The connection fitting of Claim <sup>29</sup>~~50~~  
wherein said another end of said second tubular fluid conduit is  
a male fluid connection fitting.

<sup>33</sup>  
~~54.~~ (newly-added) The connection fitting of Claim <sup>29</sup>~~50~~  
wherein said another end of said third tubular fluid conduit is a  
male fluid connection fitting.

<sup>34</sup>  
~~55.~~ (newly-added) The connection fitting of Claim <sup>29</sup>~~50~~  
wherein said second fluid connection at said second end is a  
female fluid connection fluid.

~~56.~~ (newly-added) The connection fitting of Claim 55  
wherein said female fluid connection fitting defines a smooth  
internal conduit wall to reduce the chance of clogging thereof  
with aspirated fragmented tissue.